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**REVISION 002 TO A
INVITATION TO TENDER**

**RÉVISION 002 À UNE
INVITATION À SOUMISSIONNER
DEMANDE D'OFFRES À
COMMANDES**

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Offer remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'offre demeurent les mêmes.

Issuing Office - Bureau de distribution :
Parks Canada Agency
Calgary, AB

Title - Sujet : Operations Compound Utilities Rehabilitation – Banff National Park	
Solicitation No. - N° de l'invitation : 5P420-20-0092/A	Date : July 20, 2020
Amendment No. - N° de modification : 002	
Client Reference No. - N° de référence du client : 697	
GETS Reference No. N° de reference de SEAG : PW-20-00919430	

Solicitation Closes - L'invitation prend fin : At - à : 2:00 PM On - le : July 28, 2020	Time Zone - Fuseau horaire MDT - HAR
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F.O.B. - F.A.B. : Plant - Usine : <input type="checkbox"/> Destination : <input checked="" type="checkbox"/> Other - Autre : <input type="checkbox"/>		
Address Enquiries to - Adresser toutes demande de renseignements à : Rebecca Chen		
Telephone No. - N° de telephone : (587) 439-3529	Fax No. -N° de télécopieur : (866) 246-6893	Email Address – Courriel : rebecca.chen2@canada.ca
Destination of Goods, Services, and Construction - Destination des biens, services, et construction : Banff National Park See Herein – Voir ici		

TO BE COMPLETED BY THE BIDDER - À REMPLIR PAR LE SOUMISSIONNAIRE

Vendor/ Firm Name - Nom du fournisseur/ de l'entrepreneur :	
Address - Adresse :	
Telephone No. - N° de telephone :	Fax No. - N° de télécopieur :
Name of person authorized to sign on behalf of the Vendor/Firm Nom de la personne autorisée a signer au nom du fournisseur/ de l'entrepreneur	
Signature :	Date :

Amendment 002

This amendment is being raised to distribute questions and answers.

A. Question and Answer

Q2 Would Hymax couplings be an acceptable alternative to Robar's for the water connections?

A2 Alternates will only be assessed for the successful bidder after contract award. Bidders should bid as per the specifications package since there is no guarantee that an alternate will be approved. The couplings for water connections shall be ROBAR or approved equivalent. The contractor shall submit shop drawings for all water connections complete with manufacturer's catalogues before procuring the materials.

Q3 For the granular bedding/backfill material between ST MH1 and MH2, is the material required to be washed or can it be screened?

A3 The material shall be washed, angular, graded gravel wrapped with non-woven geotextile fabric as per drawings.

Q4 Are mechanical restraints required on the water main/services at any specific locations or are they to be installed only as the contractor sees fit?

A4 The mechanical restraints may not be needed at all locations. The mechanical restraints are required to eliminate any possibility of displacement of pipe/fitting joints where concrete thrust blocks can't be placed. Contractor shall submit shop drawings for all water connections including coupling and restraint for approval by Parks Canada Representative before procurement and installation.

Q5 Can you please confirm if tracer wire is required with all pipe installed for water, sanitary and storm?

A5 Yes, it is required. The operations compound will likely undergo future underground water utility, mechanical and electrical upgrades. Installing the tracer wire will assist future ground disturbance verifications and construction initiation.

Q6 Can you confirm if the 150mm perforated PVC pipe is to be DR35 and is there a perforation pattern available?

A6 Yes the perforated pipes shall be 150mm DR35. The perforations shall be as below



Q7 Can you confirm what type of PVC pipe the 300mm storm main is to be, DR35 or Ultra-rib?

A7 The 300mm storm pipe will be Ultra-rib.

Q8 Can a pay item be added for the 300mm PVC storm main?

A8 Yes. Please see Amendment 1

A9 Can you confirm if disposal of contaminated groundwater would be extra to the contract? Alternatively, can a separate pay item be made for this?

A9 Yes. Please see Amendment 1

Q10 Please confirm if the contractor is to carry the cost of infiltration/exfiltration testing on the sanitary and storm sewer mains.

A10 Yes.

Q11 Is CCTV of the sanitary and storm required at the end of warranty as well or only at construction completion?

A11 CCTV is required at the end of construction completion and warranty.

Q12 Can the pavement thickness be confirmed for line item 5.7?

A12 The pavement thickness is 120 mm thick. The granular base course is 100 mm thick.

Q13 The tender quantities for the gravel re-surfacing and asphalt resurfacing appear to be too low when comparing against the disturbance limits shown on drawing C2. Can these quantities be reviewed?

A13 The disturbance limits are intended to be the width of the trench excavation, not the full width shown on drawing C2.

Q14 For the concrete restoration, there appears to be multiple locations that will require concrete restoration (Mechanic shop tie in, FH#1, MH3-2A and water service at Resource conservation and law enforcement building). The quantities in the tender will not cover all locations on site. Are there any locations that the concrete restoration is incidental?

A14 Please see adjustments to the concrete quantities in Amendment 1

Q15 Is an H20 load rating acceptable for the cover on the Proceptor 50 unit?

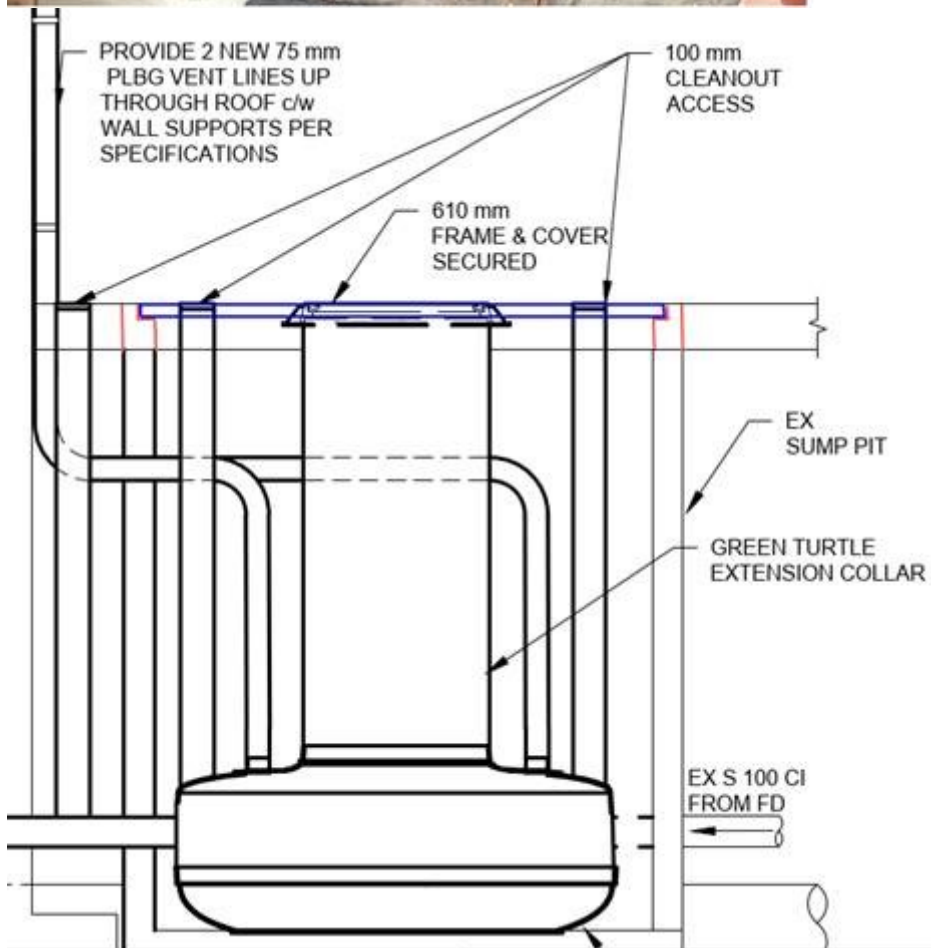
A15 The assembly and the lid, as noted on the drawing are to be "AASHTO M306 Traffic Load Rated" as it is located in the mechanic's shop and must have capacity to support heavy vehicles and equipment.

Q16 Can insulation details be provided for the Proceptor? Does the sump pit get insulated or the Proceptor itself?

A16 Insulating of the straight walls of the pit will be much easier and cost effective than the insulation of the Proceptor which may need to be factory applied, and will have similar results. Yes, the sump can be insulated instead of the Proceptor.

Q17 How is the frame and cover to be anchored to the top of the sump pit for the OGS unit? Does the existing steel plate remain in place or is there a new top to be fabricated for the sump?

A17 Fabricate a new steel plate with cut outs for clean outs and preceptor. To be supported by existing reinforced concrete sump walls. See images below.



ALL OTHER TERMS & CONDITIONS REMAIN UNCHANGED